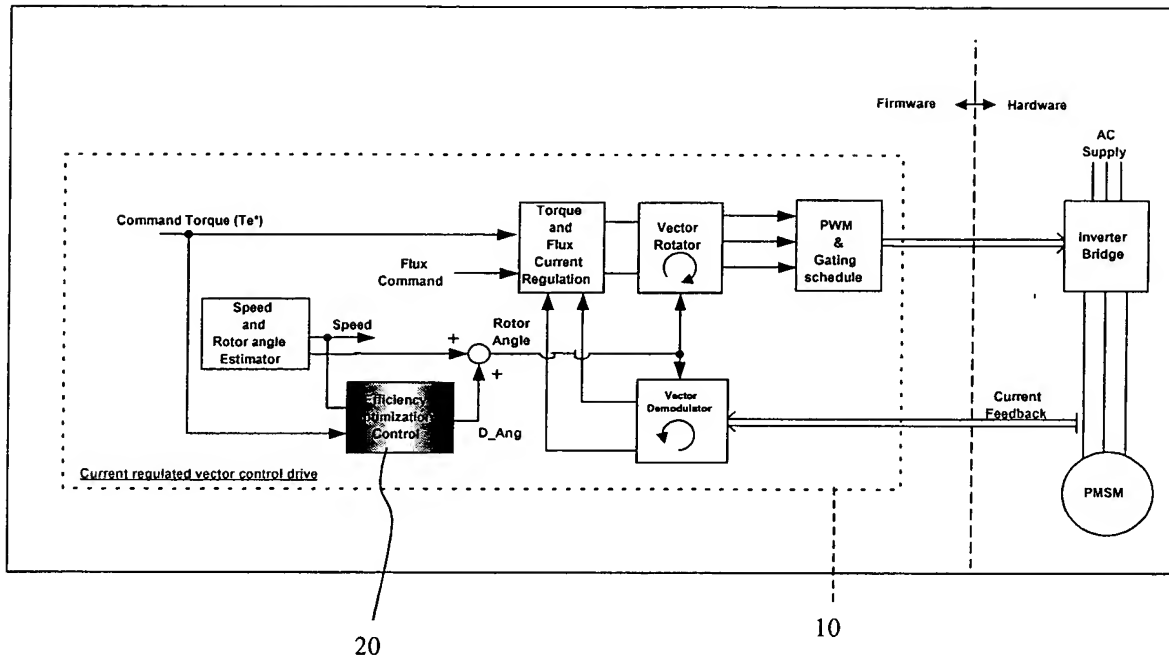


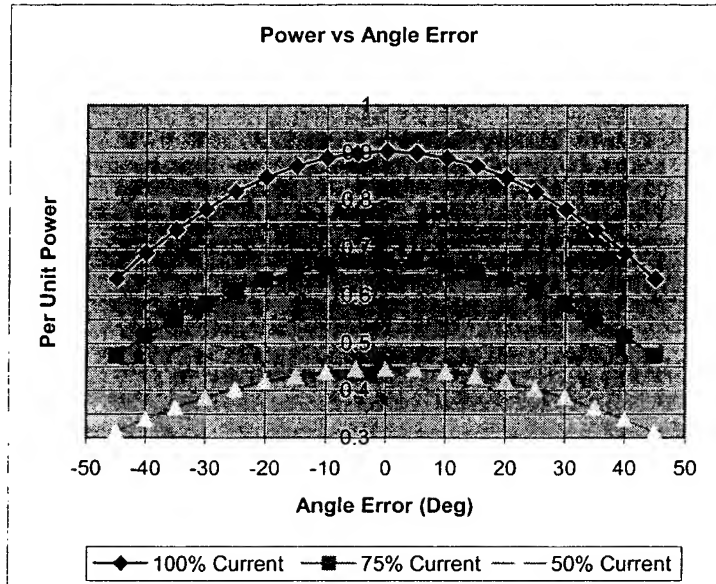
Docket #: IR-2392 (2-3611)
Title: EFFICIENCY OPTIMIZATION CONTROL
FOR PERMANENT MAGNET MOTOR DRIVE
Inventor: Eddy Ying Yin HO
Contact: James A. Finder (212) 382-0700
Drawings: 4 Sheets (Figs. 1-4)

Fig. 1 Block Diagram of Vector-Controlled Drive System



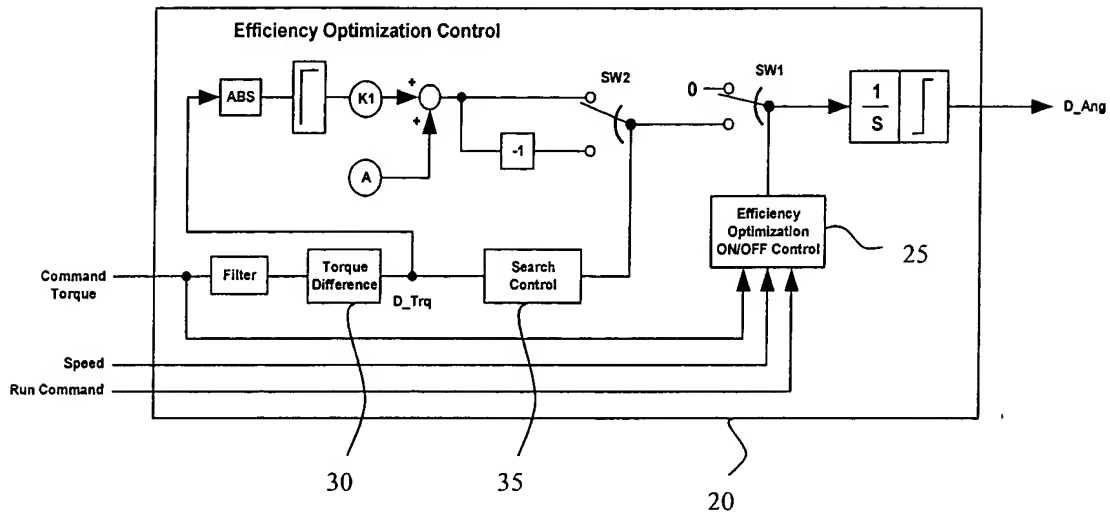
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Fig. 2 Motor output power versus rotor angle error



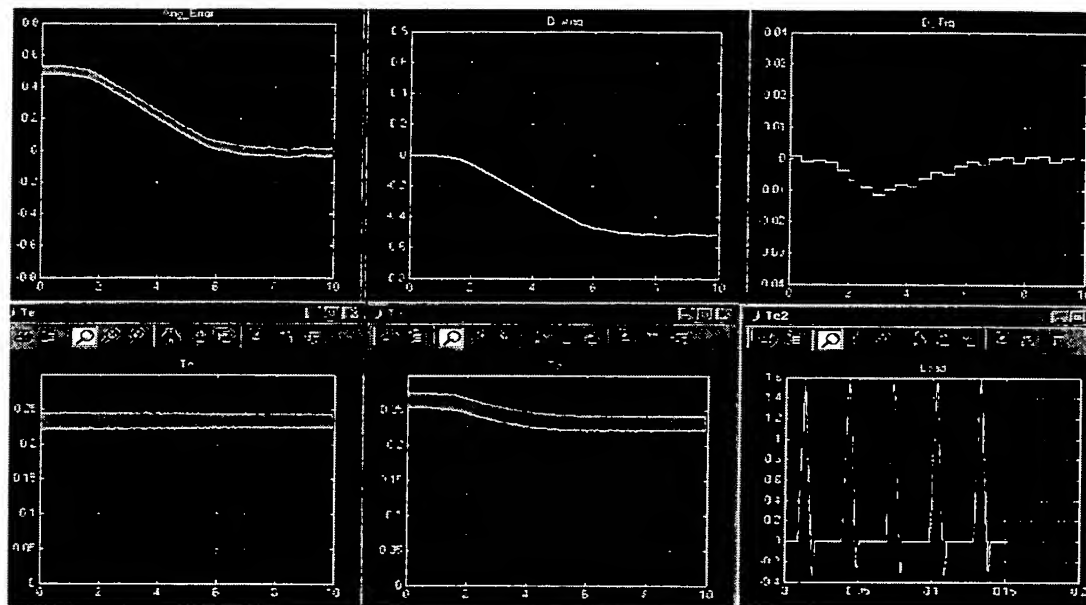
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Fig. 3 Efficiency Optimization Controller



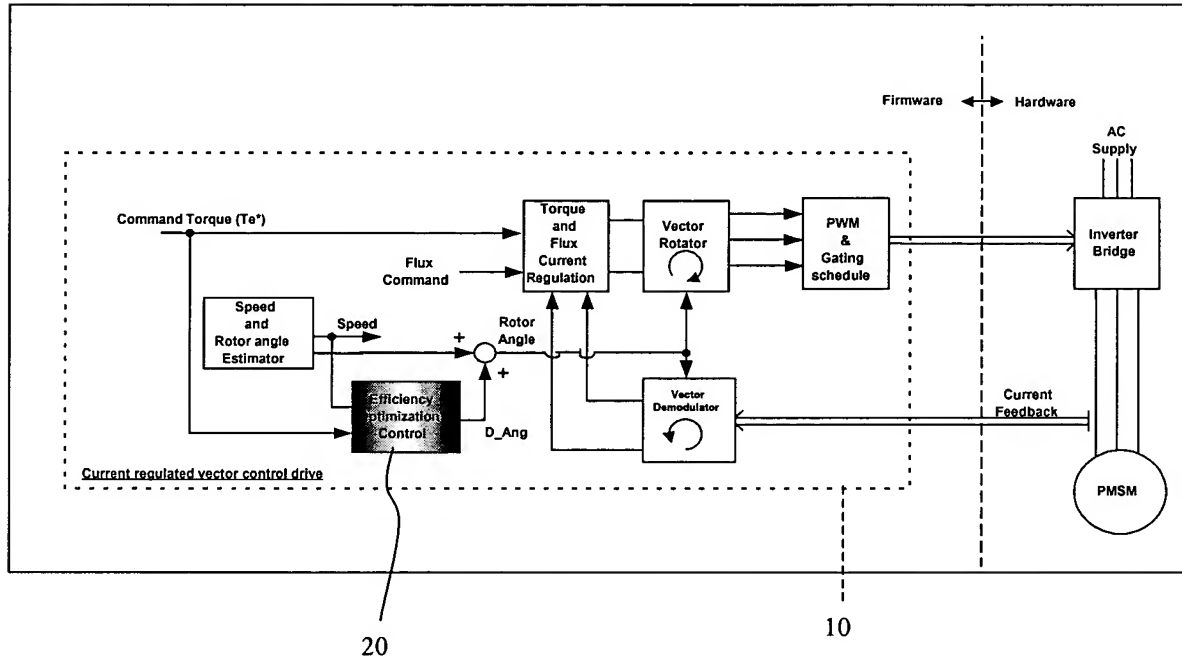
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Fig. 4 Efficiency Optimization control characteristics



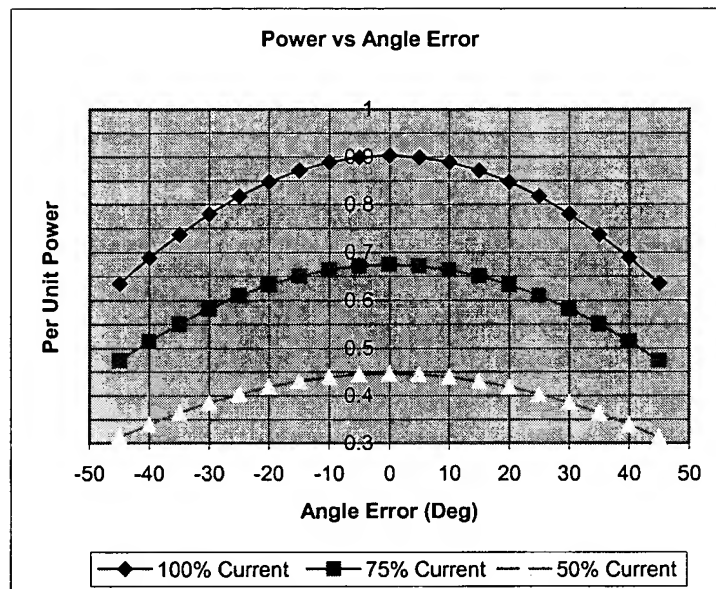
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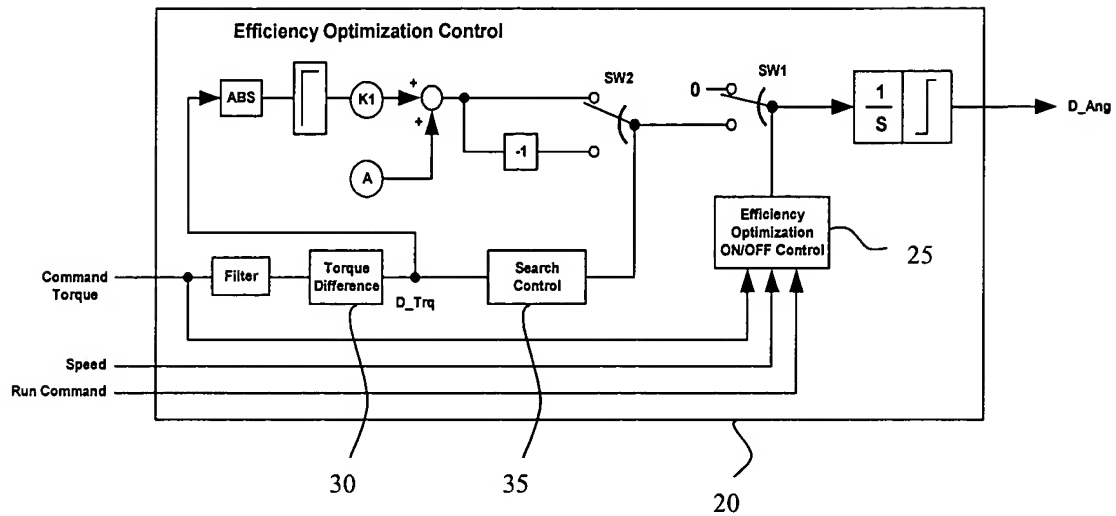
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